

FIG. 1

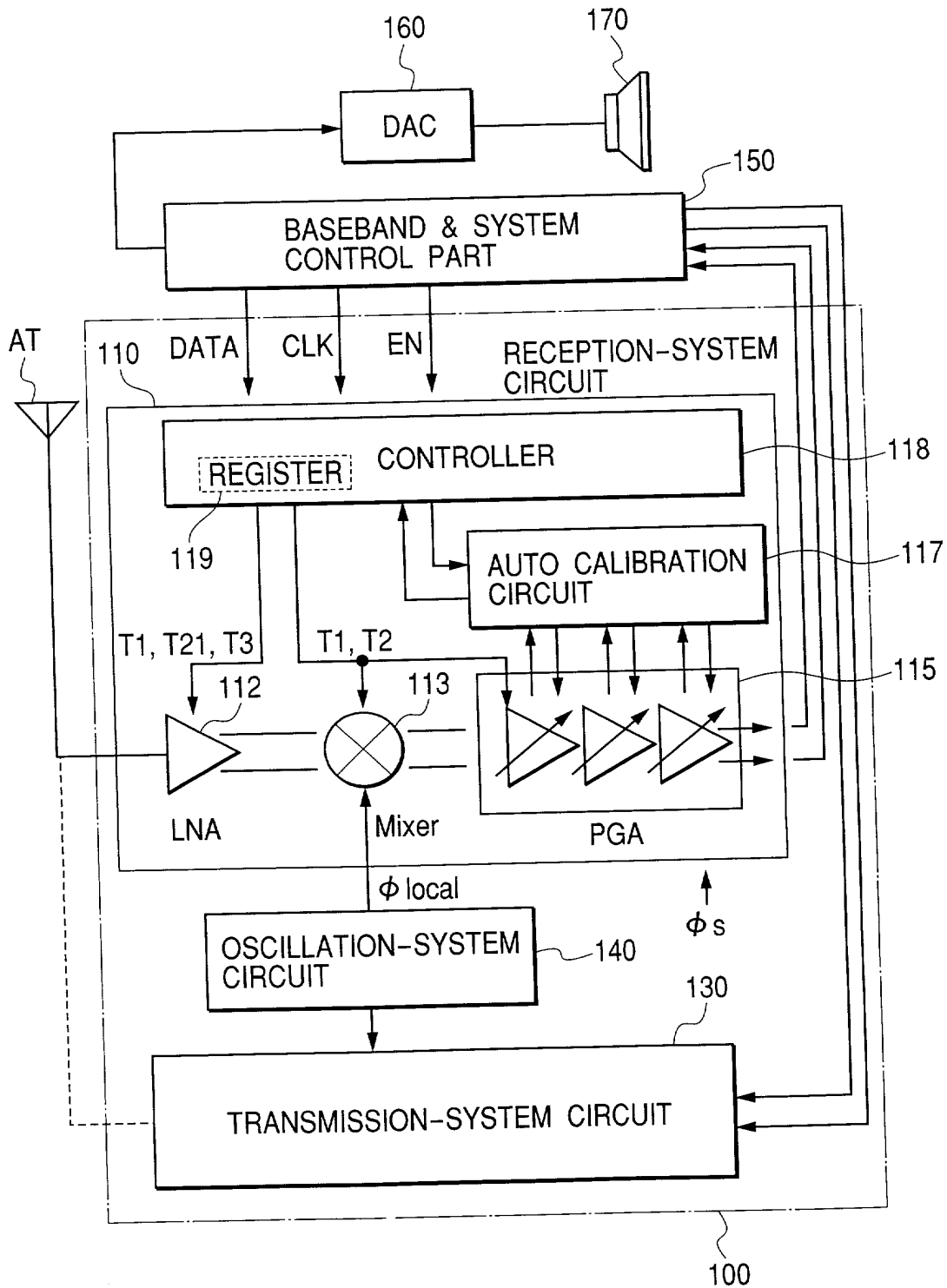


FIG. 2

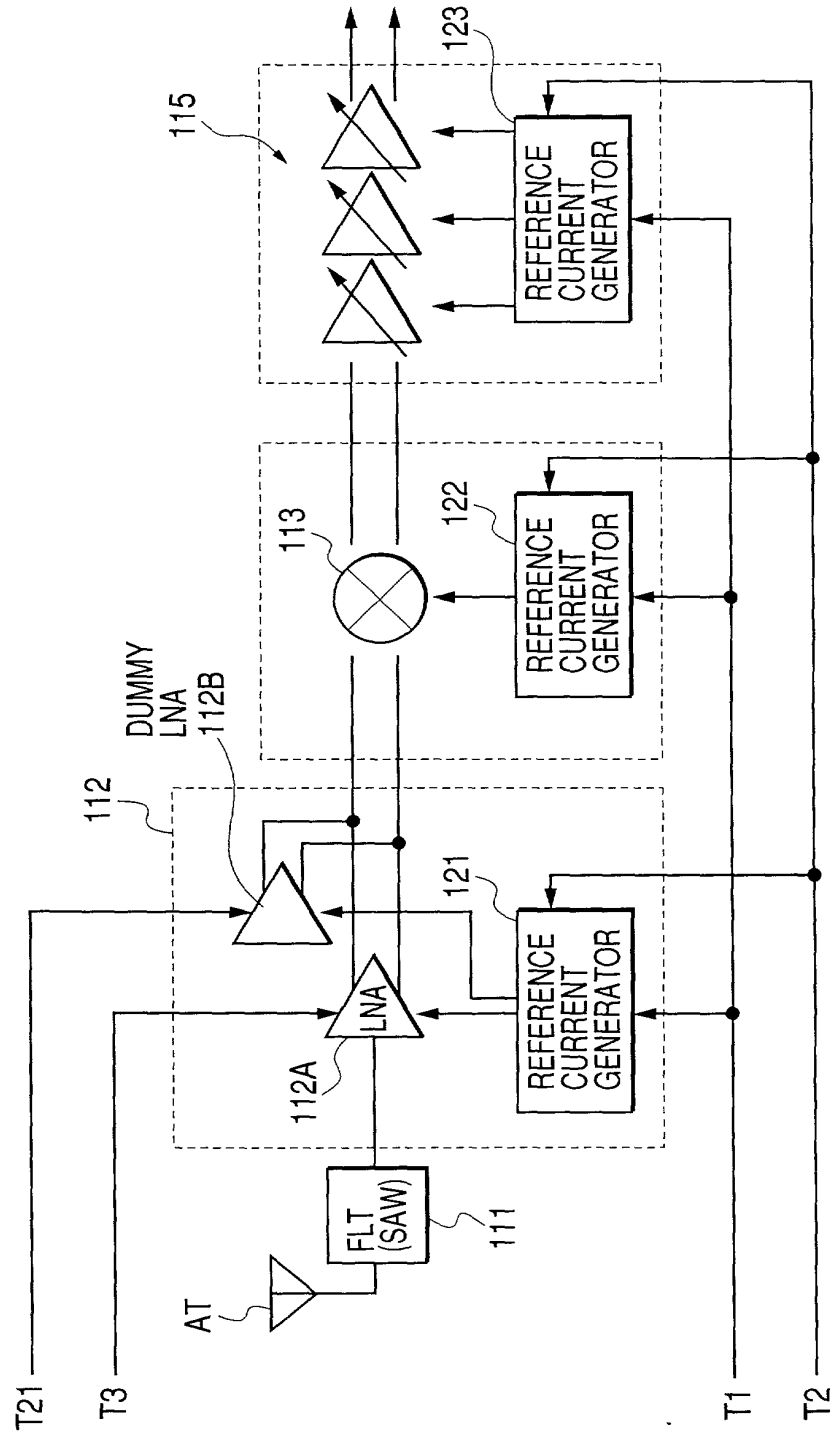


FIG. 3

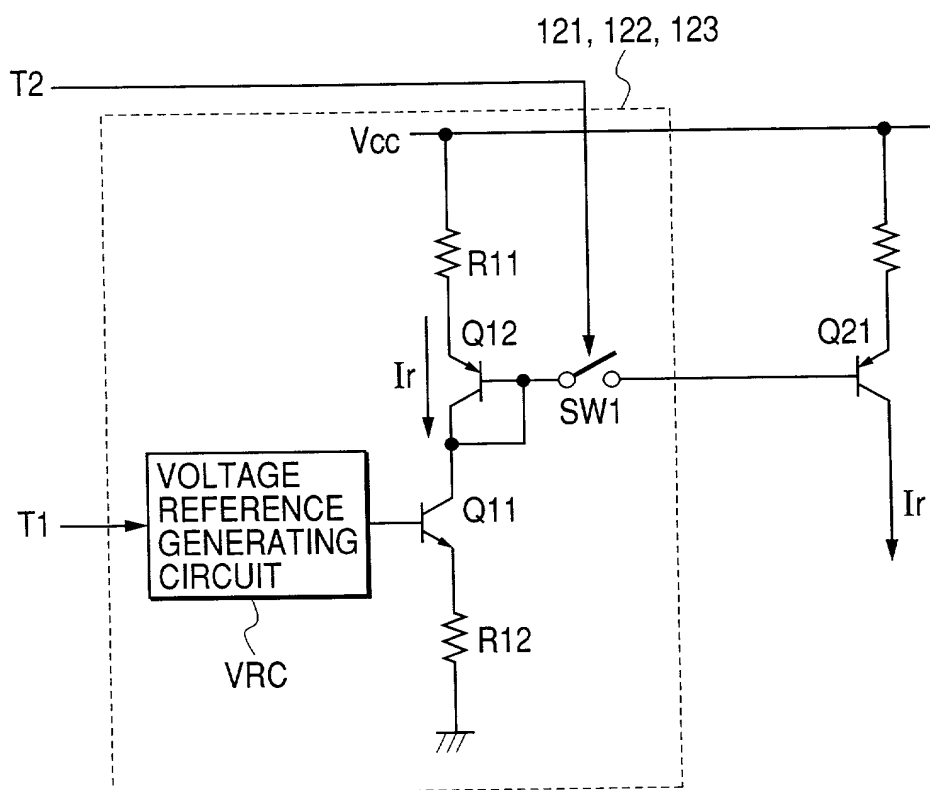


FIG. 4

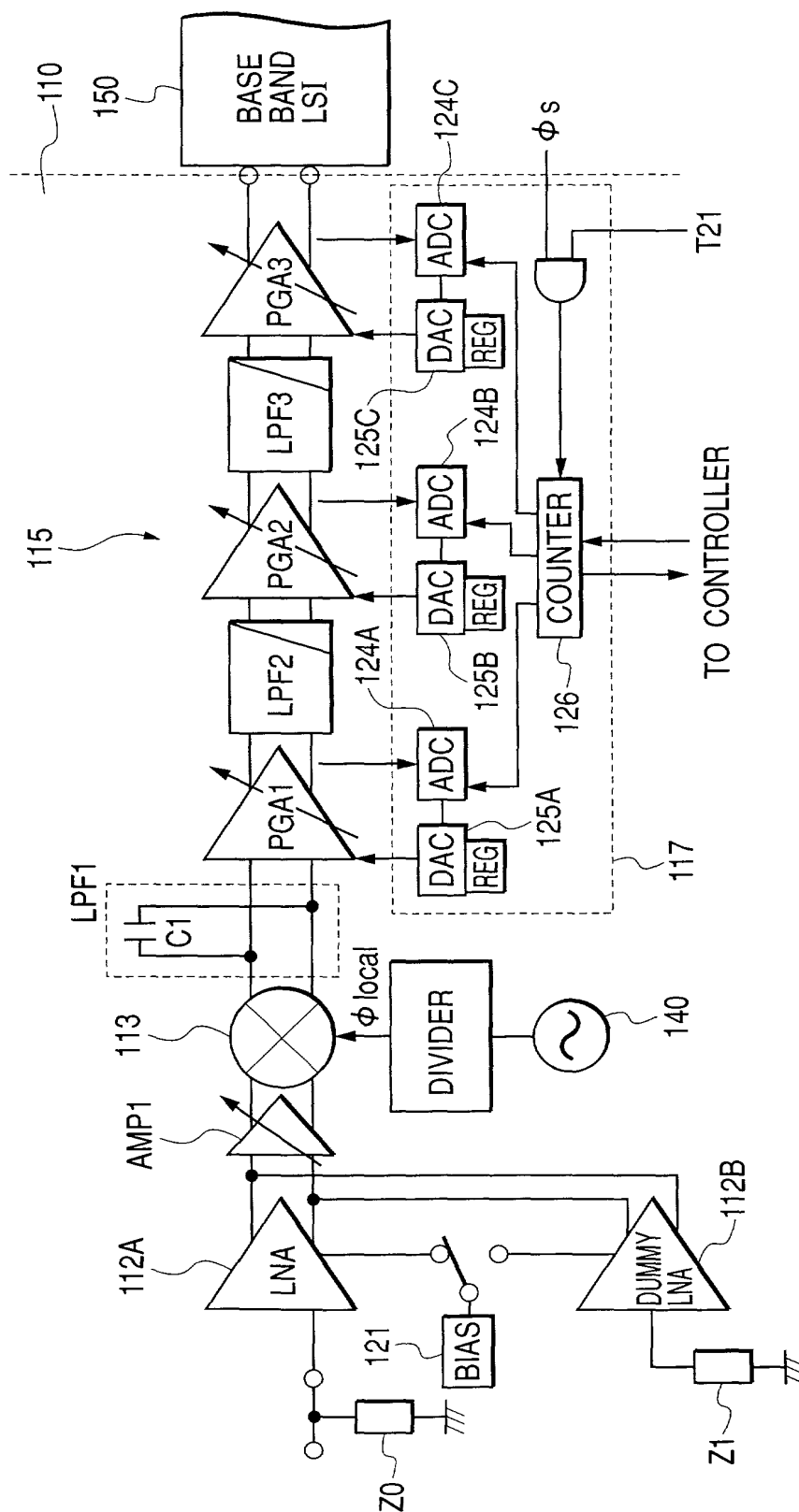


FIG. 5

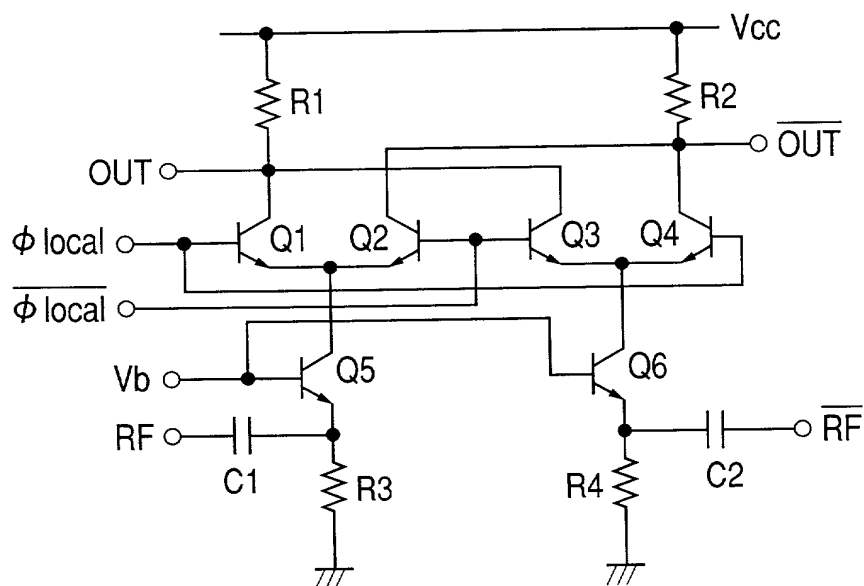


FIG. 6

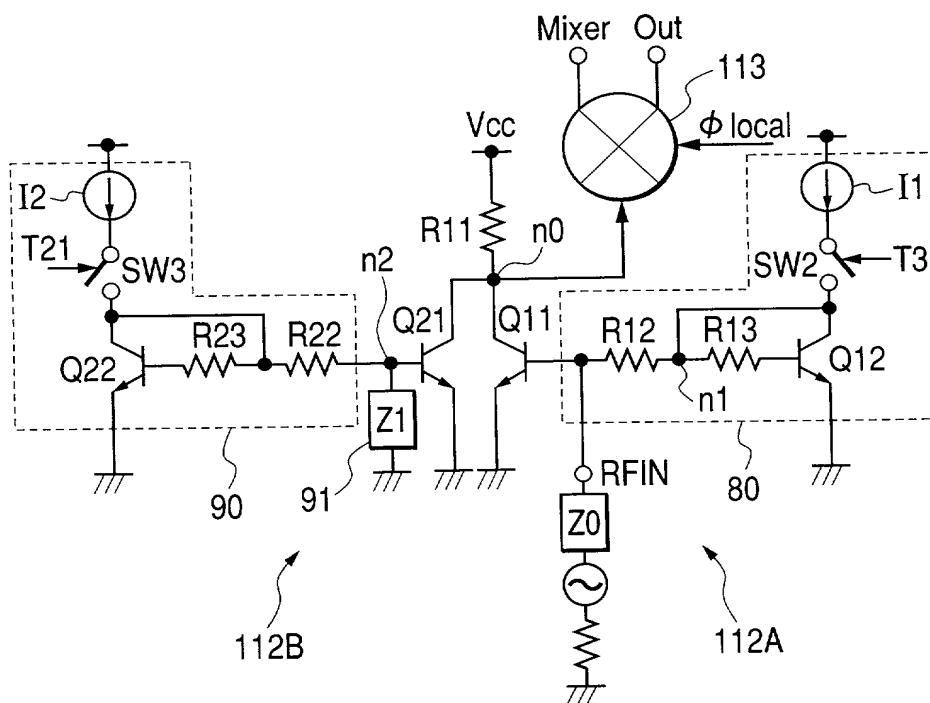
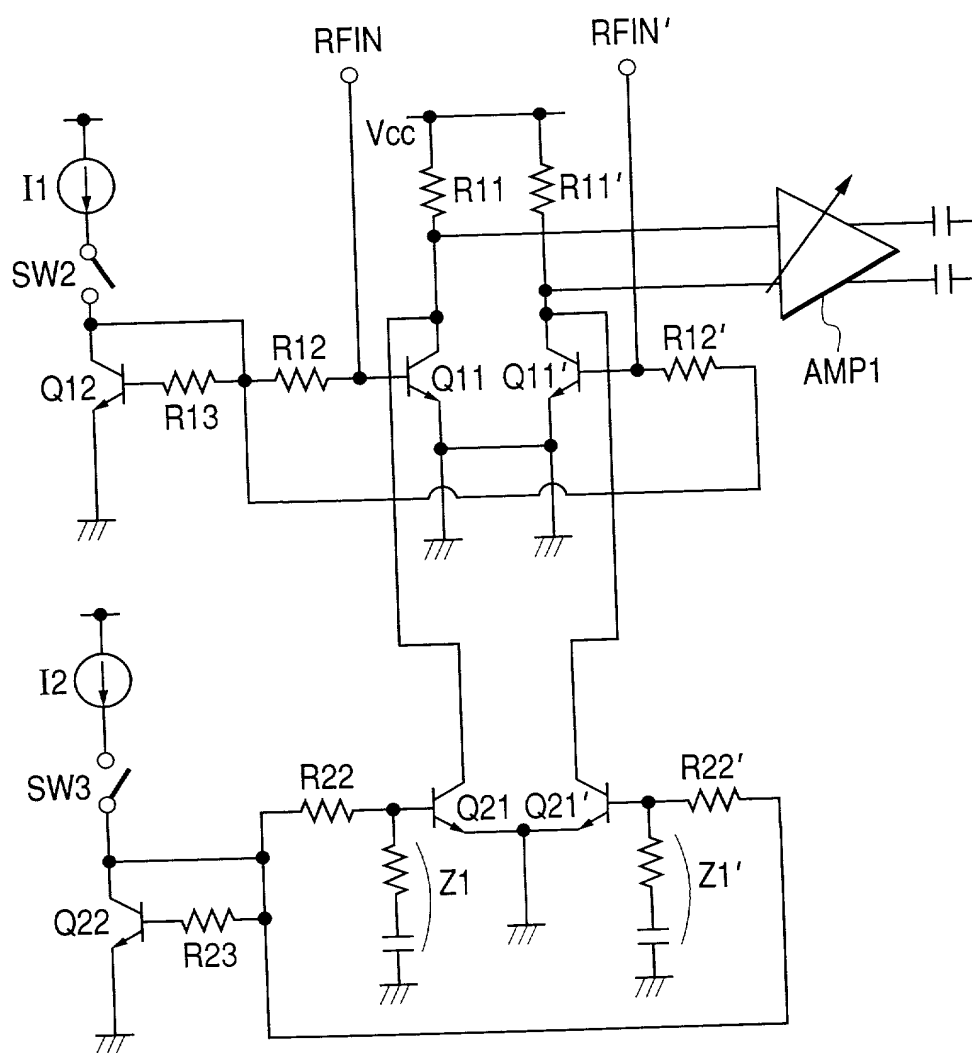
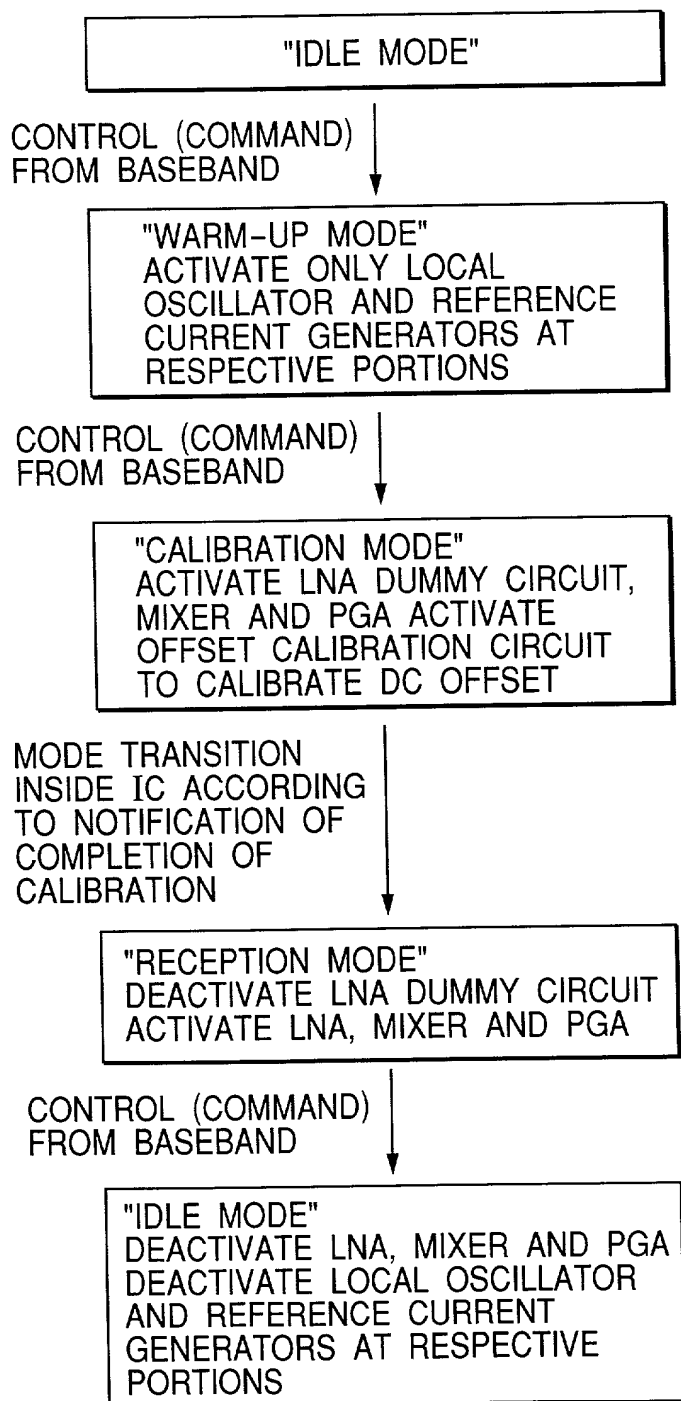
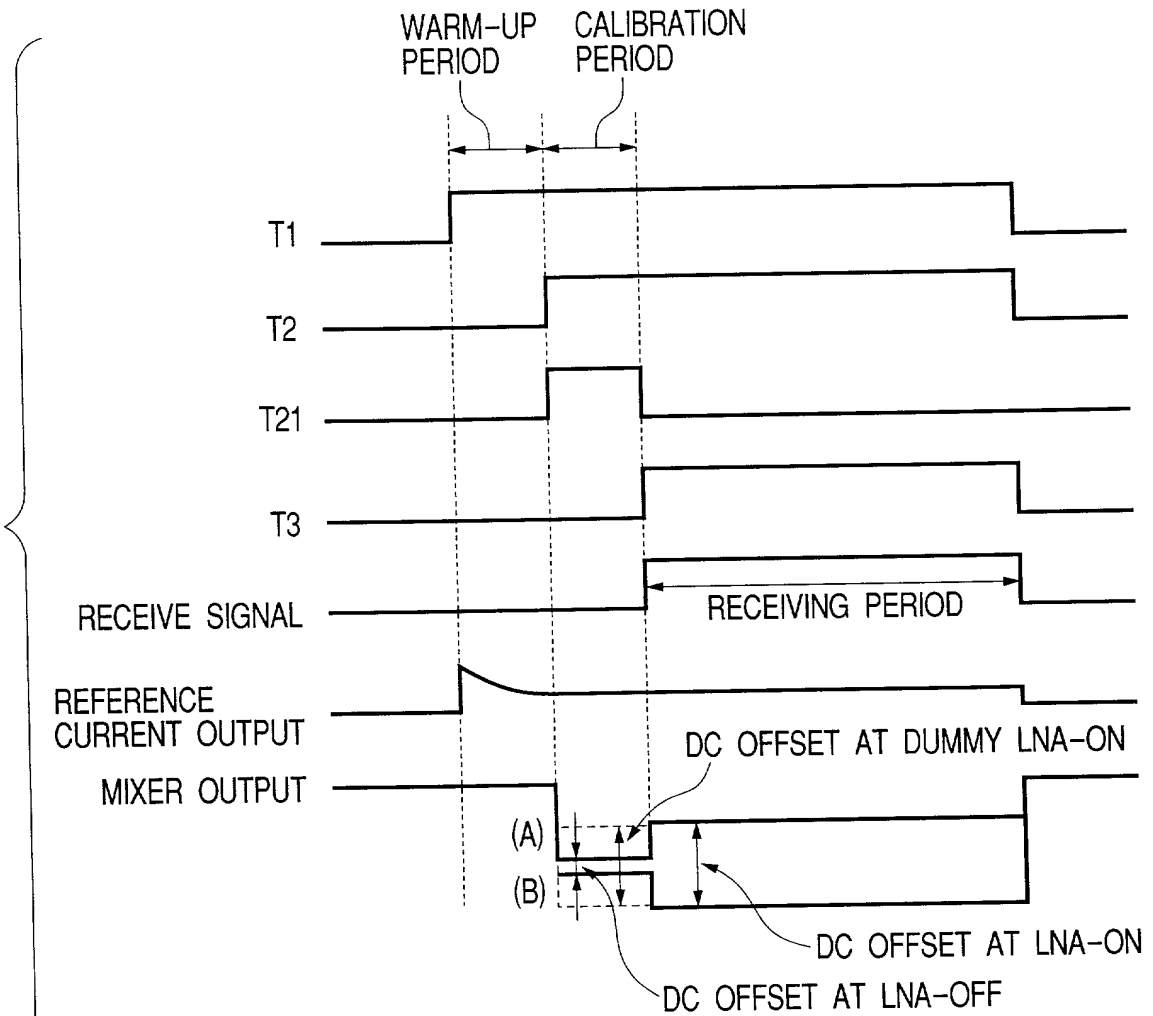


FIG. 7



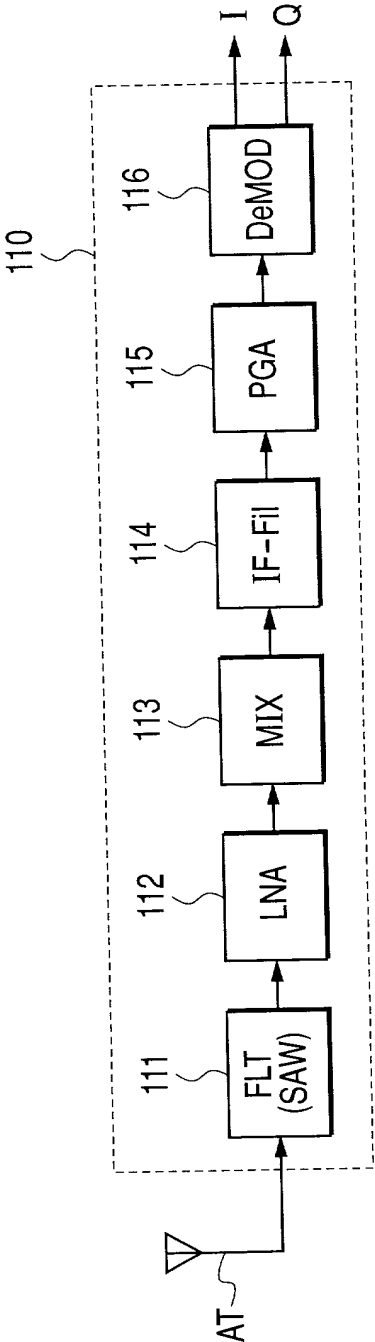
**FIG. 8**

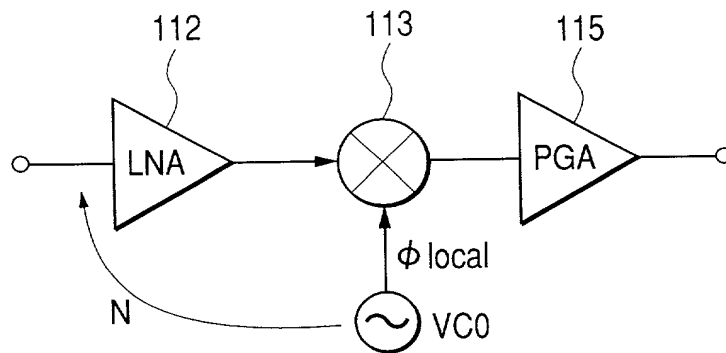
**FIG. 9**

- T1 : RISING SIGNAL FOR VOLTAGE REFERENCE CIRCUIT  
 T2 : RISING SIGNAL FOR MIXER AND PGA  
 T21 : RISING SIGNAL FOR DUMMY LNA (AUTO CALIBRATION MODE SIGNAL)  
 T3 : RISING SIGNAL FOR LNA



FIG. 10



**FIG. 11****FIG. 12**